

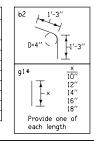
PLAN VIEW (RA-42 EXTENSION AND RA-41 INTAKE)

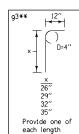
Placing sequence: 1. Base; 2. Walls and Extension; 3. Top; 4. Insert

2"						
KEYED CONSTRUCTION JOINT DETAIL						

21/3"

	REINFORCING BAR LIST							
BAR	SIZE	LOCATION	SHAPE	NO.	LENGTH	WEIGHT	SPACING	
b2	4	Intake Wall	7	3	2'-6''	5.0	9"	
f1	4	Bottom		3	4'-9''	9.5	9"	
f2	4	Bottom		4	1'-7"	4.2	18"	
gl	4	Wall		5	Varies*	3.9	12"	
g 2	4	Wall		1	4'-8''	3.1	ı	
g 3	4	Тор		4	Varies**	6.8	18''	
g4	4	Тор		თ	6'-4''	12.7	ı	
					Total	45 lbs.		





GENERAL NOTES:

Engineer.

by the Engineer.

use with a Standard Road Plan RA-41 Intake.

All reinforcing bars shall be ASTM A 615, Grade 60.

This detail illustrates the construction and installation of an extension unit for

Extension unit may be used on either or both sides of intakes. Details are

Dimensions shown hereon are for the construction of a 6 inch Standard Curb as a part of pavement. Modifications may be made to conform to other curb shapes and intake designs when necessary, subject to the approval of the

A concrete fillet shall be placed in the bottom of the intake approximately as

indicated. Special shaping of this fillet is required to provide a smooth channel through the intake. Top surface of the fillet shall slope at a rate of

Joints in pavement adjacent to intake and extension unit shall be as shown on Standard Road Plans RH-50. RH-51 and RH-52. Joint locations shall be as

indicated hereon except where specifically modified by other plan drawings or

B. Furnishing all materials and constructing extension as detailed.

① The Location Station is where the centerline of intake meets the Back of Curb line.

similar when installation is on side opposite to that indicated.

approximately 12:1 (Horizontal: Vertical) toward the channel.

Price bid for "Intake Extension Unit, RH-42" shall include:

A. All necessary excavation and backfill.



STANDARD ROAD PLAN RA-42(1)
REVISION ROAD PLAN REVISION NO.

REVISION: Require Concrete Fillet.	REVISION NO.
	1
William a. Stein	REVISION DATE
	04.45.00
APPROVED BY DESIGN METHODS ENGINEER	04-15-03

INTAKE EXTENSION UNIT (FOR STANDARD RA-41 INTAKE) (SHEET 1 OF 3)